

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3706	422/100.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/30 15:09
S2	205	S1 and ((flush near4 (fluid or liquid)) or (cross near2 flow))	US-PGPUB; USPAT	ADJ	ON	2008/10/30 15:12
S3	50	"6540896" or "2002195463" or "6117396"	US-PGPUB; USPAT	ADJ	ON	2008/10/30 15:57
S5	1	"20020195463"	US-PGPUB; USPAT	ADJ	ON	2008/10/30 15:58
S6	68	("4390403"   "4465582"   "4636296" "4908112"   "5069768"   "5126022" "5498392"   "5571410"   "5585069" "5593838"   "5599432"   "5603351" "5635358"   "5637469"   "5699157" "5750015"   "5779868"   "5800690" "5824204"   "5842787"   "5846396" "5852495"   "5858187"   "5869004" "5876675"   "5880071"   "5882465" "5885470"   "5906724"   "5928880" "5942443"   "5948227"   "5955028" "5957579"   "5958203"   "5958694" "5959291"   "5964995"   "5965001" "5965410"   "5972187"   "5976336" "5985119"   "5989402"   "6001231" "6004515"   "6011252"   "6012902" "6042709"   "6086825"   "6120666" "6132578"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 16:17

		"6156273"   "6184029" "6241866"   "6254754"   "6267858" "6274089"   "6284113").PN. OR ("6540896").URFN.				
S7	40	("5858187").PN. OR ("6120666").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 16:41
S9	68	("3957583"   "4038151"   "4271119" "4283262"   "4310399"   "4316233" "4426451"   "4517338"   "4601881" "4634057"   "4676274"   "4704256" "4908112"   "4911782"   "5077017" "5089233"   "5104813"   "5144139" "5176881"   "5180480"   "5197517" "5240578"   "5250263"   "5252296" "5279791"   "5288468"   "5296375" "5310463"   "5378334"   "5417925" "5427946"   "5443673"   "5480614" "5503805"   "5603351"   "5627041" "5646039"   "5677195"   "5681484" "5731212"   "5772966"   "5824204" "5846396").PN. OR ("6117396").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 07:31
S10	24	("20020150938"   "20020160363"   "20020181837"   "20030159999"   "20030186426"   "20030187237"   "20030198575"   "20040012778"   "20050048581"   "4893886"   "5100627" "5304487"   "5427663"   "5587128" "5620857"   "5674743"   "5776674" "6049380"   "6083761"   "6159749"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 07:36

		"6514767"   "6602702"   "6696022" "6863406").PN. OR ("7442339").URPN.				
S11	5	("5726404"   "5795788"   "5846396" "5900130"   "6143152").PN. OR ("6716328").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 08:39
S13	1059	\$fluidic and (plug same (flush or cross))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 08:44
S14	441	microfluidic and (plug same (flush or cross))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 08:45
S15	146	microfluidic and ((plug same (flush or cross)) same separat\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 08:45
S16	487	(plug or sample) same (cross or flush) same (sapce\$ or buffer\$) and fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 09:16
S17	78	(plug) same (cross or flush) same (sapce\$ or buffer\$) and fluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 09:16
S18	704	plug near6 (formed or formation or generat\$) and \$fluidic	US-PGPUB; USPAT	ADJ	ON	2008/10/31 09:27
S19	66	plug near6 (formed or formation or generat\$) and \$fluidic and valve and constrict\$	US-PGPUB; USPAT	ADJ	ON	2008/10/31 09:28
S20	96	137/15.04.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/31 09:37
S21	23	("3936262"   "4676274"   "5730187" "5800690"   "5880071"   "5922591" "5976336"   "5992453"   "6074725" "6117396"   "6193471"   "6263918" "6321791").PN. OR ("6481453").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 09:38
S22	3706	422/100.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/31 09:54
S23	20	S22 and (bead or plug) near6 formation and microfluidic	US-PGPUB; USPAT	ADJ	ON	2008/10/31 09:54

S24	23	("3471262"   "3756459"   "4259291"   "4426451"   "4676274"   "4868129"   "5789045"   "5800690"   "5834314"   "5880071"   "5922591"   "5976336"   "6074725"   "6117396"   "6152181"   "6193471"   "6453928"   "6494614"   "6499499"   "6537506"   "6601613").PN. OR ("7077152").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 09:55
S26	2	"20030005967"	US-PGPUB; USPAT	ADJ	ON	2008/10/31 10:01
S27	80	137/826.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/31 10:03
S29	492	microfluidic and volume same plug	US-PGPUB; USPAT	ADJ	ON	2008/10/31 10:22
S30	1	microfluidic and volume same plug and crossflow	US-PGPUB; USPAT	ADJ	ON	2008/10/31 10:23
S31	12	("20020058332"   "20030061687"   "20030230486"   "20040188254"   "5185099"   "5872010"   "6409832"   "6630006"   "6797056"   "6872250").PN. OR ("7129091").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 10:26
S32	137	S22 and plug near6 (separation or separated or formation or formed)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 10:36
S33	121	S22 and plug near4 (separation or separated or formation or formed)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 10:36
S34	82	S22 and plug near2 (separation or separated or formation or formed)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 10:37

S35	307	S22 and (plug or droplet) near2 (separation or formation or formed or generation or created or creation or created)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/31 11:52
S39	108	S35 and microfluidic	US-PGPUB; USPAT	ADJ	ON	2008/10/31 11:54
S40	68	S39 not S34	US-PGPUB; USPAT	ADJ	ON	2008/10/31 11:54
S41	18730	flow same control same (intersect\$ or (cross near5 (channel or tube or flow)))	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:30
S42	1159	fluidic and flow same control same (intersect\$ or (cross near5 (channel or tube or flow)))	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:31
S43	886	microfluidic and flow same control same (intersect\$ or (cross near5 (channel or tube or flow)))	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:31
S44	559	microfluidic and flow near5 control same (intersect\$ or (cross near5 (channel or tube or flow)))	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:31
S45	282	microfluidic and flow near5 control near4 (intersect\$ or (cross near5 (channel or tube or flow)))	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:31
S46	48	microfluidic and flow near5 control near4 (intersect\$ or (cross near5 (channel or tube or flow))) and constrict\$	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:32
S47	104	perpendicular near5 channel near5 (drop or bead or plug or sample separation)	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:58
S48	6	S47 and microfluidic	US-PGPUB; USPAT	ADJ	ON	2008/11/03 07:59

S49	12	("20020058332"   "20030061687"   "20030230486"   "20040188254"   "5185099"   "5872010"   "6409832"   "6630006"   "6797056"   "6872250").PN. OR ("7129091").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/03 08:01
S50	41	separation same (plug or bead or drop) and microfluidic	EPO; JPO; DERWENT	ADJ	ON	2008/11/03 08:08
S52	21	fluid near5 metering and microfluidic	EPO; JPO; DERWENT	ADJ	ON	2008/11/03 08:50
S53	327	fluid near5 metering and microfluidic	US-PGPUB; USPAT	ADJ	ON	2008/11/03 08:55
S54	268	fluid near5 metering and microfluidic and (plug or bead or droplet)	US-PGPUB; USPAT	ADJ	ON	2008/11/03 08:56
S55	23	("3936262"   "4676274"   "5730187"   "5800690"   "5880071"   "5922591"   "5976336"   "5992453"   "6074725"   "6117396"   "6193471"   "6263918"   "6321791").PN. OR ("6481453").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/03 08:59
S56	38	("4333086"   "4390403"   "5126022"   "5344535"   "5454472"   "5486337"   "5569367"   "5571401"   "5593290"   "5632957"   "5653859"   "5683569"   "5795457"   "5814200"   "5858192"   "5888370"   "5965452"   "5993630"   "5993631"   "5993632"   "6010616"   "6017696"   "6019455"   "6024925"   "6090251"   "6093308"   "6099803"   "6113768"   "6129828"   "6130098"   "6159188"   "6165417"   "6221653"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/03 09:05

		"6224745"   "6225059"   "6287832" "6294063").PN. OR ("6893547").URFN.				
S57	1	"10551024"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/ 11/03 15:00
S60	2	microfluidic same diagnostic cartridge	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:21
S61	599	microfluidic same cartridge	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:22
S62	333	microfluidic near4 cartridge	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:22
S63	17	microfluidic near2 cartridge and diagnose	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:22
S64	0	microfluidic near3 cartridge same diagnose	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:24
S65	0	microfluidic near6 cartridge same diagnose	US-PGPUB; USPAT	ADJ	ON	2008/ 11/05 14:24
S66	18	microfluidic near4 cartridge and diagnose	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:24
S67	22	microfluidic near4 (cartridge or housing) and diagnose	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:25
S68	1	"20030092016"	US-PGPUB; USPAT	ADJ	ON	2008/ 11/05 14:25
S69	30	fluidic near4 (cartridge or housing) and diagnose	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:26
S70	504	fluidic near3 housing	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:27
S71	104	microfluidic near3 housing	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:27
S72	59	microfluidic near2 housing	US-PGPUB; USPAT	ADJ	ON	2008/11/05 14:27
S73	14	("20020058332"   "20030061687"   "20030230486"   "20040188254"   "5185099"   "5872010"   "6409832"   "6630006"   "6797056"   "6872250").PN. OR ("7129091").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/22 09:03
S74	2	"20030005967"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/22 09:16

S75	457	422/82.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/22 09:17
S76	1	"10551024"	US-PGPUB; USPAT	ADJ	ON	2009/05/22 13:32

**EAST Search History (Interference)**

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**11/ 5/ 2009 9:56:53 AM**

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Partitioning in Multiple Microchannels.wsp**